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March 26, 2009

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: Title: SIGNAL PROCESSING APPARATUS  
Letters Patent No. 7,328,053  
Issued: February 8, 2008  
Our Reference: MASIMO.7CP1C5

Dear Sir:

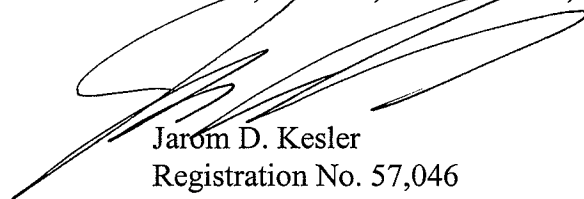
Enclosed for filing is a Certificate of Correction in connection with the above-identified patent.

It is noted that the priority claim was amended in the Supplemental Preliminary Amendment filed on January 28, 2002. A copy of the amendment is attached.

As one of the errors (col. 34, line 55) cited in the Certificate of Correction was incurred through the fault of the Applicant, enclosed is our check in the amount of \$100. It is noted that the other errors cited in the Certificate of Correction were incurred through the fault of the Patent Office. Please charge any additional fees to our Deposit Account No. 11-1410.

Respectfully submitted,

Knobbe, Martens, Olson & Bear, LLP



Jarom D. Kesler  
Registration No. 57,046  
Customer No. 20,995

Enclosures

6662323/nh/031109

San Diego  
619-235-8550

San Francisco  
415-954-4114

Los Angeles  
310-551-3450

Riverside  
951-781-9231

Seattle  
206-405-2000

Washington, DC  
202-640-6400

# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

**PATENT NO.** : 7,328,053  
**APPLICATION NO.** : 09/195,791  
**ISSUE DATE** : February 8, 2008  
**INVENTOR(S)** : Mohamed K. Diab et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the specification at column 1, line 11, after "Oct. 6, 1993" insert "and a continuation-in-part of Application Serial No. 08/249,690 (now U.S. Patent No. 5,482,036), filed May 26, 1994, which is a continuation of Application Serial No. 07/666,060, filed March 7, 1991 (now abandoned):"

In the specification at column 17, line 35, after "(t)" insert - - = - -.

In the specification at column 17, line 66, below "Equ. 20a" delete " $s_{\lambda a}(t) = [\varepsilon_{5,\lambda a}C5 + \varepsilon_{6,\lambda a}C6]\chi_{5,6}(t)$ " (20a)".

In the specification at column 18, line 13, below "Equ. 21a" delete " $n_{\lambda b}(t) = [\varepsilon_{5,\lambda b}C3 + \varepsilon_{6,\lambda b}C4]\chi_{3,4}(t)$ ".

In the specification at column 20, line 8, delete " $n''_{\lambda b}$ " and insert - -  $n''_{\lambda a}$  - -, therefore; line 14, delete " $\varepsilon_{6,\lambda b}$ " and insert - -  $\varepsilon_{6,\lambda b}$  - -, therefore; line 22, delete "I" and insert - - , - -, therefor.

In the specification at column 22, line 22, delete "(t) +" and insert - - (t) + - -, therefor.

In the specification at column 25, line 45, delete " $s_1(t)$ " and insert - -  $s'(t)$  - -, therefor.

In the specification at column 26, line 41, delete " $\Gamma_{c,m}(t)$ " and insert - -  $\Gamma_{f,m}(t)$  - -, therefore; line 49, delete " $\delta_{f,m}(t)$ " and insert - -  $\Gamma_{f,m}(t)$  - -, therefor.

In the specification at column 27, line 51, delete " $\gamma_0$ " and insert - -  $\gamma_0$  - -, therefor.

In the specification at column 28, line 6, delete " $\delta_{f,m}(t)$ " and insert - -  $\Gamma_{f,m}(t)$  - -, therefore; line 16, after " $\gamma_{m-1}$ " delete " $(t)/\gamma_{m-1}$ "; line 25, delete "FT" and insert - -  $\Gamma$  - -, therefor; line 47, delete " $S_{\lambda a}(t)$ " and insert - -  $s_{\lambda a}(t)$  - -, therefore; line 53, delete " $\delta_{f,m}(t)$ " and insert - -  $\Gamma_{f,m}(t)$  - -, therefor.

In the specification at column 30, line 30, delete " $C_{b,m-1}$ " and insert - -  $C^*_{b,m-1}$  - -, therefor.

In the specification at column 31, line 40, delete " $\mathcal{F}_1(t) = \lambda \mathcal{F}_1$ " and insert - -  $\mathcal{F}_{m-1}(t) = \lambda \mathcal{F}_{m-1}$  - -, therefore; line 25, delete " $\mathcal{P}$ " and insert - -  $\mathcal{F}_m$  - -, therefor.

In the specification at column 34, line 50, delete " $(t_i)$ " and insert - -  $(t_1)$  - -, therefor; line 55, delete " $\varepsilon_{6,\lambda b c_6}$ " and insert - -  $\varepsilon_{6,\lambda b c_6}$  - -, therefor; line 63, delete " $\varepsilon_{\lambda b c_6} \Delta \chi$ " and insert - -  $\varepsilon_{6,\lambda b c_6} \Delta \chi$  - -, therefor.

In the specification at column 41, line 23, after "demodulation" delete "is".

In the specification at column 44, line 5, delete "1R" and insert - - IR - -, therefor; line 47, delete "'r'" and insert - - " $r_n$ " - -, therefor.

In the specification at column 45, line 2, delete " $s_{red}(t)$ " and insert - -  $S_{red}(t)$  - -, therefor.

In the specification at column 46, line 30, delete "vectors" and insert - - vector - -, therefor.

In the specification at column 49, line 20, delete " $(t_c)$ " and insert - -  $(t_c)^2$  - -, therefor; line 22, delete " $(t_b)$ " and insert - -  $(t_b)$  - -, therefor.

In the specification at column 55, line 60, delete " $s_1$ " and insert - -  $s_2$  - -, therefor.

In the specification at column 57, line 14, delete " $R_{12}(t_2)ix$ " and insert - -  $R_{12}(t_2)x$  - -, therefor.

In the specification at column 62, line 14, delete " $s'(t)$ " and insert - -  $s'(t) = -$  - -, therefor.

In the specification at column 64, line 53, delete " $n_1(t)$ " and insert - -  $n'(t)$  - -, therefor; line 62, delete " $s_{\lambda a}(t)$  and  $s_{\lambda b}(t)$ " and insert - -  $S_{\lambda a}(t)$  and  $S_{\lambda b}(t)$  - -, therefor.

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CERTIFICATE OF CORRECTION**

**PATENT NO.** : 7,328,053  
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In the specification at column 65, line 26, delete " $\mathcal{Z}_m(t)$ " and insert - -  $\mathcal{Z}_m(t)$ , - -, therefor; line 49, delete " $s''_{nb}(t)$ " and insert - -  $s''_{\lambda b}(t)$  - -, therefor.

In the specification at column 68, line 56, after "wherein" delete "is".

6662414/nh/031109

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